



JFW

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR(S) : John Grassi et al.  
TITLE : MOLD-REMOVAL CASTING  
METHOD AND APPARATUS  
APPLICATION NO. : 10/614,601  
FILED : July 7, 2003  
CONFIRMATION NO. : 7816  
EXAMINER : Ing-Hour Lin  
ART UNIT : 1725  
LAST OFFICE ACTION : April 18, 2005  
ATTORNEY DOCKET NO. : GISZ 2 00031

**SUPPLEMENTAL RESPONSE**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Further to amendment A which was filed on August 17, 2005, applicant takes this opportunity to submit an additional Declaration Under 37 C.F.R. § 1.132.

This is a declaration by Dr. J. Fred Major who is a research scientist working for Alcan International Limited ("Alcan"). Alcan is one of the world's largest producers of primary aluminum and a technology leader in this area. Alcan is a producer of semi-finished and finished products made of aluminum.

In the enclosed declaration, Dr. Major states that to his knowledge he has never seen any casting process where the mold begins to be removed before the molten metal has solidified into a casting (see paragraph 5 of the declaration). He further states that it is highly surprising to him that Alotech (which is the assignee of the instant application, see

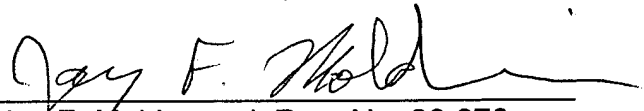
the assignment document recorded on July 7, 2003 at Reel 014269, beginning at Frame 0062) has developed a process for casting an aluminum metal in which at least a portion of the mold is decomposed with a solvent including water, before the molten metal has completely solidified into a casting.

Consideration of this Declaration is earnestly solicited.

Respectfully submitted,

FAY, SHARPE, FAGAN,  
MINNICH & McKEE, LLP

September 9, 2005  
Date

  
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216-861-5582

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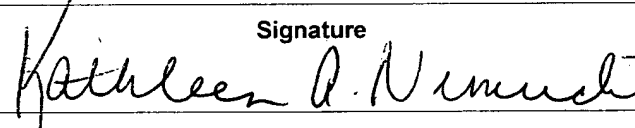
CERTIFICATE OF MAILING

I certify that this Petition for Extension of Time Under 37 C.F.R. 1.136(a) and accompanying document(s) are being

☒ deposited with the United States Postal Service as First Class mail under 37 C.F.R. § 1.8, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below.

☐ transmitted via facsimile under 37 C.F.R. § 1.8 on the date indicated below.

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Express Mail Label No.:	Signature 
Date September 9, 2005	Printed Name Kathleen A. Nimrichter